



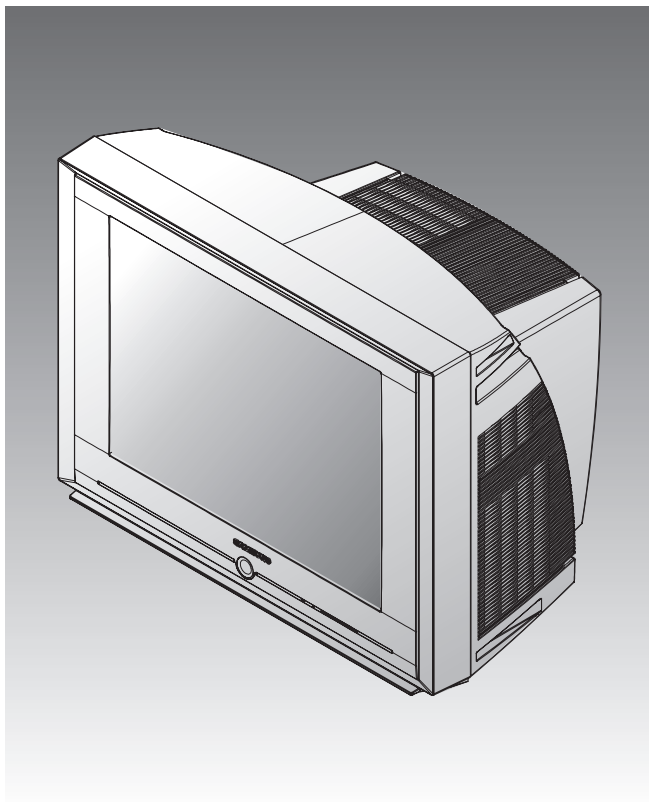
COLOR TELEVISION RECEIVER

Chassis : KS7A(N_R2)_Gold Rush

Model : CL25M2MQUX/XAX

SERVICE *Manual*

COLOR TELEVISION RECEIVER



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2. Alignment and Adjustments

2-1 General Alignment Instructions

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
2. Observe the picture for good black and white details. There should be objectionable color shading; if color shading is present, demagnetize, perform purity and convergence adjustments described below.
3. Use the specified test equipment or its equivalent.
4. Correct impedance matching is essential.
5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
8. To protect against shock hazard, use an isolation transformer.

2-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set is moved or turned in a different direction, the power should be OFF for at least 10 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before turning power OFF.

If color shading persists, perform the following Color purity and Convergence adjustments.

2-3 High Voltage Check

CAUTION : There is no high voltage adjustment on this chassis. The B+ power supply should be +135 volts (with full color-bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 30 KV under any conditions.

2-4 FOCUS Adjustment

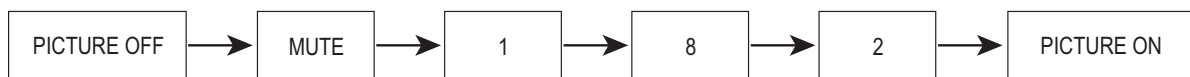
1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

2-5 Factory Adjustment

2-5-1 Service Mode

1. To enter the "Service Mode", Press the remote-control keys in this sequence :

- If you do not have Factory remote-control

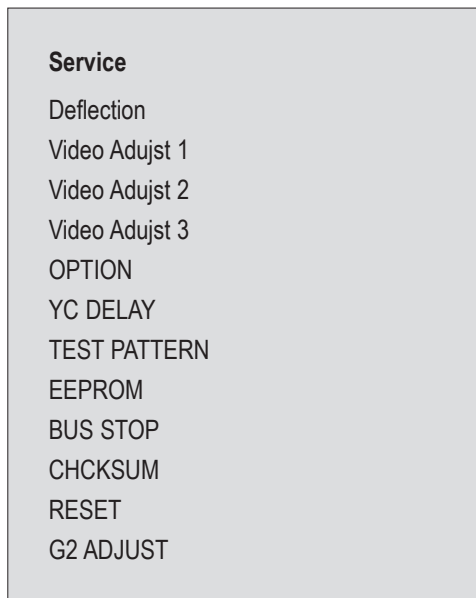


- If you have Factory remote-control



2-5-2 Factory Mode OSD

2-5-2(A) ADJUST



2-6 Functions of Each Port in Service Mode



DEFLECTION (NT 60Hz)

Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
V Amp	ADJ	28	28	9	9	9	28	31
V Shift	ADJ	-30	-30	-20	-20	-20	-30	-28
H EW	ADJ	-2	-2	40	40	40	-2	14
H Shift	ADJ	130	130	123	123	123	130	146
V Linearity	ADJ	-8	-8	-8	-8	-8	-8	-4
V SC	FIX	43	43	43	43	43	43	43
H Parabola	ADJ	67	67	60	60	60	63	7
Upper Corner	ADJ	1	1	-2	-2	-2	1	8
Lower Corner	ADJ	-10	-10	-13	-13	-13	-10	-4
Upper Corner6	FIX	-7	-7	-7	-7	-7	-7	-7
Lower Corner6	FIX	8	8	8	8	8	8	8
H Trapezium	ADJ	9	9	8	8	8	9	4
Bow	ADJ	3	3	-1	-1	-1	3	3
Angle	ADJ	0	0	0	0	0	0	0
EHT Time	FIX	20	20	20	20	20	20	20
EHT Threshold	FIX	1	1	1	1	1	1	1
EHT Vertical	FIX	-12	-12	-12	-12	-12	-12	-12
EHT Horizontal	FIX	77	77	77	77	77	77	77
EHT Vertical2	FIX	-10	-10	-10	-10	-10	-10	-10
EHT Horizontal2	FIX	8	8	8	8	8	8	17
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
V Amp	ADJ	28	28	31				
V Shift	ADJ	-30	-30	-28				
H EW	ADJ	-2	-2	14				
H Shift	ADJ	130	130	146				
V Linearity	ADJ	-8	-8	-6				
V SC	FIX	43	43	34				
H Parabola	ADJ	67	67	7				
Upper Corner	ADJ	1	1	8				
Lower Corner	ADJ	-10	-10	-4				
Upper Corner6	FIX	-7	-7	-7				
Lower Corner6	FIX	8	8	8				
H Trapezium	ADJ	9	9	4				
Bow	ADJ	3	3	3				
Angle	ADJ	0	0	0				
EHT Time	FIX	20	20	30				
EHT Threshold	FIX	1	1	10				
EHT Vertical	FIX	2	-12	0				
EHT Horizontal	FIX	30	77	0				
EHT Vertical2	FIX	-17	-10	-50				
EHT Horizontal2	FIX	7	8	0				

DEFLECTION (PAL 50Hz)

Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
V Amp	ADJ	4	0	0	0	0	0	0
V Shift	ADJ	-6	-6	-6	-6	-6	-6	-6
H EW	ADJ	0	0	0	0	0	0	0
H Shift	ADJ	-16	-12	-12	-12	-12	-12	-12
V Linearity	ADJ	0	3	3	3	3	3	3
V SC	FIX	0	0	0	0	0	0	0
H Parabola	ADJ	0	0	0	0	0	0	0
Upper Corner	ADJ	0	0	0	0	0	0	0
Lower Corner	ADJ	0	0	0	0	0	0	0
Upper Corner6	ADJ	0	0	0	0	0	0	0
Lower Corner6	ADJ	0	0	0	0	0	0	0
H Trapezium	ADJ	0	0	0	0	0	0	0
Bow	FIX	0	0	0	0	0	0	0
Angle	FIX	0	0	0	0	0	0	0
EHT Time	FIX	20	20	20	20	20	20	20
EHT Threshold	FIX	1	1	1	1	1	1	1
EHT Vertical	FIX	-12	-12	-12	-12	-12	-12	-12
EHT Horizontal	FIX	77	77	77	77	77	77	77
EHT Vertical2	FIX	-10	-10	-10	-10	-10	-10	-10
EHT Horizontal2	FIX	8	8	8	8	8	8	8
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
V Amp	ADJ	4	4	4				
V Shift	ADJ	-6	-6	-6				
H EW	ADJ	0	0	0				
H Shift	ADJ	-16	-16	-16				
V Linearity	ADJ	0	0	0				
V SC	FIX	0	0	0				
H Parabola	ADJ	0	0	0				
Upper Corner	ADJ	0	0	0				
Lower Corner	ADJ	0	0	0				
Upper Corner6	ADJ	0	0	0				
Lower Corner6	ADJ	0	0	0				
H Trapezium	ADJ	0	0	0				
Bow	FIX	0	0	0				
Angle	FIX	0	0	0				
EHT Time	FIX	20	20	30				
EHT Threshold	FIX	1	1	10				
EHT Vertical	FIX	2	-12	0				
EHT Horizontal	FIX	30	77	0				
EHT Vertical2	FIX	-17	-10	-50				
EHT Horizontal2	FIX	7	8	0				

Video Adjust 1

Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
R Cutoff	ADJ	127	127	127	127	127	127	127
G Cutoff	FIX	127	127	127	127	127	127	127
B Cutoff	ADJ	127	127	127	127	127	127	127
R Drive	ADJ	127	127	127	127	127	127	127
G Drive	FIX	127	127	127	127	127	127	127
B Drive	ADJ	127	127	127	127	127	127	127
Sub Bright	ADJ	60	60	60	60	60	60	60
Sub Contrast	ADJ	49	49	49	49	49	49	49
Sub Color	FIX	0	0	0	0	0	0	0
Sub Tint	FIX	46	46	46	46	46	46	46
AKB Option	FIX	1	1	1	1	1	1	1
BCL Threshold	FIX	24	24	21	21	21	24	20
BCL Gain	FIX	200	200	240	240	240	200	240
BCL Time	FIX	100	100	230	230	230	100	230
Sub Sharpness	FIX	10	10	15	15	15	10	15
Pilot Low	FIX	25	25	25	25	25	25	25
Pilot High	FIX	45	45	45	45	45	45	45
V-Mute(x100ms)	FIX	3	3	3	3	3	3	3
BCL TCUP	FIX	65	-	65	65	65	65	65
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
R Cutoff	ADJ	127	127	127				
G Cutoff	FIX	127	127	127				
B Cutoff	ADJ	127	127	127				
R Drive	ADJ	127	127	127				
G Drive	FIX	127	127	127				
B Drive	ADJ	127	127	127				
Sub Bright	ADJ	60	60	60				
Sub Contrast	ADJ	49	49	49				
Sub Color	FIX	0	0	0				
Sub Tint	FIX	46	46	46				
AKB Option	FIX	1	1	1				
BCL Threshold	FIX	28	24	21				
BCL Gain	FIX	200	200	200				
BCL Time	FIX	100	100	100				
Sub Sharpness	FIX	10	10	10				
Pilot Low	FIX	25	25	25				
Pilot High	FIX	45	45	45				
V-Mute(x100ms)	FIX	3	3	3				
BCL TCUP	FIX	65	65	65				



Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
VSU	FIX	2	2	2	2	2	2	2
Melody Volume	FIX	5	5	5	5	5	5	5
HB Start	FIX	159	159	159	159	159	159	159
HB Stop	FIX	149	149	149	149	149	149	149
RF AGC	FIX	1	1	1	1	1	1	1
VM Gain	FIX	7	7	0	0	0	6	0
VM Delay	FIX	7	7	4	4	4	4	4
V Peaking	FIX	12	12	12	12	12	12	12
BLE Tilt	FIX	7	7	7	7	7	7	7
BLE Gain	FIX	2	2	2	2	2	1	2
BLE Mode	FIX	2	2	2	2	2	2	2
BLE Break	FIX	1	1	1	1	1	1	1
CTI Gain	FIX	1	1	1	1	10	10	1
CTI Coring	FIX	15	15	15	15	5	5	15
LTI Gain	FIX	15	15	15	15	15	15	15
D-EHT Time	FIX	5	5	5	5	5	5	6
DCT Ratio	FIX	50	50	50	50	50	50	50
VSP COMB	FIX	3	3	3	3	3	3	3
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
VSU	FIX	2	2	2				
Melody Volume	FIX	5	5	5				
HB Start	FIX	159	159	159				
HB Stop	FIX	149	149	120				
RF AGC	FIX	1	1	1				
VM Gain	FIX	7	7	7				
VM Delay	FIX	7	7	7				
V Peaking	FIX	12	12	12				
BLE Tilt	FIX	7	7	7				
BLE Gain	FIX	2	2	2				
BLE Mode	FIX	2	2	2				
BLE Break	FIX	1	1	1				
CTI Gain	FIX	1	1	1				
CTI Coring	FIX	15	15	15				
LTI Gain	FIX	15	15	15				
D-EHT Time	FIX	5	5	5				
DCT Ratio	FIX	50	50	50				
VSP COMB	FIX	3	3	3				



Item	Remark	CL29T21 CL29M21 CT29M20MQXXTC CT29M16MQXXTC	CT29K10MQXXTW	CL25M6 CL25M5	CT25M20MQXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
NR Off Value	FIX	3	3	3	3	3	3	3
Gamma Mode	FIX	1	1	1	1	1	1	1
Gamma Correction	FIX	50	50	60	60	60	30	50
BST StartPoint	FIX	145	145	145	145	145	145	145
BST Gain(B)	FIX	50	50	50	50	50	50	50
DPWL Gain	FIX	80	80	80	80	80	80	80
DPWL Start	FIX	155	155	155	155	155	155	155
PIP Contrast	FIX	15	15	10	10	10	10	15
PIP Tint	FIX	63	63	63	63	63	63	63
PIP Color	FIX	5	5	7	7	7	7	5
PIP PAL V.Pos	FIX	24	24	24	24	24	24	24
PIP NTSC V.Pos	FIX	23	23	23	23	23	23	23
PIP H.Pos	FIX	39	39	39	39	39	39	39
PIP R Cutoff	FIX	2	2	4	4	4	4	2
PIP B Cutoff	FIX	1	1	5	5	5	5	1
PIP R Drive	FIX	170	170	168	168	168	168	170
PIP B Drive	FIX	190	190	212	212	212	212	190
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
NR Off Value	FIX	3	3	3				
Gamma Mode	FIX	1	1	1				
Gamma Correction	FIX	50	50	50				
BST StartPoint	FIX	145	145	145				
BST Gain(B)	FIX	50	50	50				
DPWL Gain	FIX	80	80	80				
DPWL Start	FIX	155	155	155				
PIP Contrast	FIX	15	15	15				
PIP Tint	FIX	63	63	63				
PIP Color	FIX	5	5	5				
PIP PAL V.Pos	FIX	24	24	24				
PIP NTSC V.Pos	FIX	23	23	23				
PIP H.Pos	FIX	39	39	39				
PIP R Cutoff	FIX	2	2	2				
PIP B Cutoff	FIX	1	1	1				
PIP R Drive	FIX	170	170	170				
PIP B Drive	FIX	190	190	190				



Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
PAL Delay	FIX	0	0	0	0	0	0	0
SECAM Delay	FIX	-2	-2	-2	-2	-2	-2	-2
NTSC Delay	FIX	-3	-3	-3	-3	-3	-3	-3
PAL(AV) Delay	FIX	-1	-1	-1	-1	-1	-1	-1
SECAM(AV) Delay	FIX	-3	-3	-3	-3	-3	-3	-3
NTSC(AV) Delay	FIX	-4	-4	-4	-4	-4	-4	-4
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
PAL Delay	FIX	0	0	0				
SECAM Delay	FIX	-2	-2	-2				
NTSC Delay	FIX	-3	-3	-3				
PAL(AV) Delay	FIX	-1	-1	-1				
SECAM(AV) Delay	FIX	-3	-3	-3				
NTSC(AV) Delay	FIX	0	0	0				



Item	Remark	CL29T21 CL29M21 CT29M20MQUXXTC CT29M16MQUXXTC	CT29K10MQUXXTW	CL25M6 CL25M5	CT25M20MQUXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQUXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
Test Pattern	FIX	0	0	0	0	0	0	0
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
Test Pattern	FIX	0	0	0				



Item	TXP2734FXXAA TXP2730FXXAA TXP2730S/XAA	TXP2434FXXAA	TXP2728X/XAC TXP2730FXXAC TXP2734FXXAC	CL29M16 CL29K5 CL29M5	CL29M21 CL29T21	CL25M6	CT25M20MQUX XTC	CL21S8	CT21T20MQUX XTC
1.System	CT-N	CT-N	CT-N	CL	CL	CL	CL	CL	CL
2.Sound	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo
2.ACS	-	-	-	-	-	-	-	-	-
3.AV Jack	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+DVD	2RCA+DVD
4.Tilt	On	Off	On	On	On	Off	Off	Off	Off
5.Vchip	USA	USA	USA+CANADA	Off	Off	Off	Off	Off	Off
6.Caption	On	On	On	On	On	On	On	On	On
7.PIP	Off	Off	Off	Off	2-Tuner	Off	Off	Off	Off
8.LNA	Off	Off	Off	Off	ON	Off	Off	Off	Off
9.Auto On	Off	Off	Off	Off	Off	Off	Off	Off	Off
10.StandBy LED	Off	Off	Off	Off	Off	Off	Off	Off	Off
11.A/V Multi	-	-	-	-	-	-	-	-	-
11.Philippines	Off	Off	Off	Off	Off	Off	On	Off	ON
12.Osd Language	English	English	English	English	English	English	English	English	English
13.FM Radio	Off	Off	Off	Off	Off	Off	Off	Off	Off
14.Antenna Disp	Off	Off	Off	Off	Off	Off	Off	Off	Off
15.Hi-Deviation	Off	Off	Off	Off	Off	Off	Off	Off	Off
16.Plug & Plat	On	On	On	On	On	On	On	On	On
17.DNle Jr	Off	Off	Off	Off	On	Off	On	Off	On
18.Volume Curve	Small	Small	Small	Small	Small	Small	Small	Small	Small
19.Color Matrix	Japan	Japan	Japan	Japan	Japan	Japan	Japan	Japan	Japan
20.PWM/Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola
21.Hotel mode	-	-	-	-	-	-	-	-	-
22. Child Lock	-	-	-	-	-	-	-	-	-
23. Air/Cable On	-	-	-	-	-	-	-	-	-
Item	CL21T21 CL21M21	CT29K10MQUX XTW	CT29M20MQUX XTC	CT29M16MQUX XTC	Brazil CL34Z6P CL29Z6P	Brazil CL29M21	Brazil CL21M21	Brazil CL21N11	
1.System	CL	CT-N	CL	CL	CL	CL	CL	CL	
2.Sound	Stereo	-	Stereo	Stereo					
2.ACS	-	ON	-	-	Off	Off	Off	Off	
3.AV Jack	2RCA+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+S+DVD	2RCA+DVD	2RCA+DVD	
4.Tilt	Off	On	On	On	On	On	Off	Off	
5.Vchip	Off	Off	Off	Off	Off	Off	Off	Off	
6.Caption	On	On	On	On	On	On	On	On	
7.PIP	1-Tuner	Off	Off	Off	2-Tuner	Off	1-Tuner	Off	
8.LNA	Off	Off	Off	Off	ON	Off	Off	Off	
9.Auto On	Off	ON	Off	Off	Off	Off	Off	Off	
10.StandBy LED	Off	ON	Off	Off	Off	Off	Off	Off	
11.A/V Multi	-	-	-	-	-	-	-	-	
11.Philippines	Off	Off	ON	ON	Off	Off	Off	Off	
12.Osd Language	English	English	English	English	English	English	English	English	
13.FM Radio	Off	Off	Off	Off	Off	Off	Off	Off	
14.Antenna Disp	Off	Off	Off	Off	Off	Off	Off	Off	
15.Hi-Deviation	off	Off	Off	Off	Off	Off	Off	Off	
16.Plug & Plat	On	On	On	On	On	On	On	On	
17.DNle Jr	On	Off	On	Off	On	On	On	On	
18.Volume Curve	Small	Small	Small	Small	Small	Small	Small	Small	
19.Color Matrix	Japan	Japan	Japan	Japan	Japan	Japan	Japan	Japan	
20.PWM/Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	Parabola	
21.Hotel mode	-	-	-	-	Off	Off	Off	Off	
22. Child Lock	-	-	-	-	On	On	On	On	
23. Air/Cable On	-	-	-	-	On	On	On	On	



Item	Remark	CL29T21 CL29M21 CT29M20MQXXTC CT29M16MQXXTC	CT29K10MQXXTW	CL25M6 CL25M5	CT25M20MQXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
Read Cut	-							
Read Dri	-							
IBRM	FIX	175	175	190	190	190	175	175
WDRM	FIX	75	75	75	75	75	75	75
CDL	FIX	255	255	255	255	255	255	255
COLR G B	FIX	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
Read Cut	-							
Read Dri	-							
IBRM	FIX	175	175	175				
WDRM	FIX	75	75	75				
CDL	FIX	255	255	255				
COLR G B	FIX	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105				



Item	Remark	CL29T21 CL29M21 CT29M20MQXXTC CT29M16MQXXTC	CT29K10MQXXTW	CL25M6 CL25M5	CT25M20MQXXTC	TXP2434FX	TXP2734FX TXP2728FX TXP2730FX TXP2730S	CL21S8 CL21T21 CL21M21 CT21T20MQXXTC
		29" SDI MST	29" SDI MST	25" SDI MST	25" SDI MST	25" SDI MST	29" SDI MST	21" SDI MST
H	-	275/275/37	275/275/37	275/275/45	275/275/45	295/295/45	295/295/37	275/275/55
L	-	265/265/2.0	265/265/2.0	265/265/2.5	265/265/2.5	295/295/2.5	295/295/2.0	265/265/2.5
Item	Remark	Brazil CL34Z6P	Brazil CL29Z6P CL29M21	Brazil CL21M21 CL21N11				
		34" TSB(USA) MTPD	29" SDI MST	29" SDI MST				
H	-	275/275/37	275/275/37	275/275/55				
L	-	265/265/2.0	265/265/2.0	265/265/2.5				



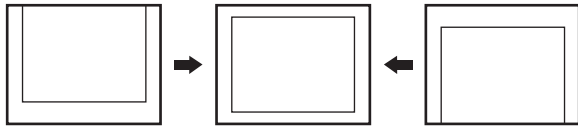
No	Factory Control	Remark	MIN	MAX	25", 29" America	21", 25", 29" South Central	21", 29" XTC	29" XTW	21", 29", 34" XAZ
0	Dynamic Contrast	FIX	0	255	100	100	100	100	100
1	Dynamic Brightness	FIX	0	255	45	45	45	45	45
2	Dynamic Sharpness	FIX	0	255	75	80	80	80	50
3	Dynamic Color	FIX	0	255	38	43	43	43	40
4	Dynamic Tint	FIX	0	255	50	50	50	50	50
5	Standard Contrast	FIX	0	255	82	80	80	80	80
6	Standard Brightness	FIX	0	255	45	45	45	45	45
7	Standard Sharpness	FIX	0	255	50	50	50	50	50
8	Standard Color	FIX	0	255	45	43	43	43	40
9	Standard Tint	FIX	0	255	50	50	50	50	50
10	Movie Contrast	FIX	0	255	50	50	50	50	50
11	Movie Brightness	FIX	0	255	55	55	55	55	55
12	Movie Sharpness	FIX	0	255	25	25	25	25	25
13	Movie Color	FIX	0	255	40	40	40	40	40
14	Movie Tint	FIX	0	255	50	50	50	50	50
15									
16									
17									
18									
19	DVD SUB TINT	FIX	0		1	15	15	15	15
20	16:9 V-SHIFT	FIX	0	100	15	15	15	15	15
21	16:9 PARAVOLA	FIX	0	100	5	5	5	5	5
22	PIP BRIGHTNESS	FIX	0	15	0	0	0	0	0
23	Double TTX Contrast	FIX			255	255	255	255	255
24	TTX V Position	FIX	0	255	255	255	255	255	255
25	TTX H Position	FIX	0	255	255	255	255	255	255
26	TTX Contrast	FIX	0	255	255	255	255	255	255
27	TTX Brightness	FIX	0	255	255	255	255	255	255
28	OSD Contrast	FIX	0	255	90	90	90	90	90
29	OSD Brightness	FIX	0	255	13	13	13	13	13
30	Double TTX H Position	FIX	0	255	255	255	255	255	255
31	Standard Equ100(Std BASS)	FIX	0	8	50	50	50	50	50
32	Standard Equ300(Std TREBLE)	FIX	0	13	50	50	50	50	50
33	Standard Equ1K(Music BASS)	FIX	0	14	85	85	85	85	85
34	Standard Equ3K(Music TREBLE)	FIX	0	13	70	70	70	70	70
35	Standard 10K(Movie BASS)	FIX	0	12	95	95	95	95	95
36	Music Equ100(Movie TREBLE)	FIX	0	18	50	50	50	50	50
37	Music Equ300(Speech BASS)	FIX	0	14	40	40	40	40	40
38	Music Equ1K(Speech TREBLE)	FIX	0	11	50	50	50	50	50
39	Music Equ3K	FIX	0	14	255	255	255	255	255
40	Music 10K	FIX	0	18	255	255	255	255	255
41	Movie Equ100	FIX	0	22	255	255	255	255	255
42	Movie Equ300	FIX	0	15	255	255	255	255	255
43	Movie Equ1K	FIX	0	11	255	255	255	255	255
44	Movie Equ3K	FIX	0	12	255	255	255	255	255

No	Factory Control	Remark	MIN	MAX	25", 29" America	21", 25", 29" South Central	21", 29" XTC	29" XTW	21", 29", 34" XAZ
45	Movie 10K	FIX	0	13	255	255	255	255	255
46	Speech Equ100	FIX	0	6	255	255	255	255	255
47	Speech Equ300	FIX	0	11	255	255	255	255	255
48	Speech Equ1K	FIX	0	14	255	255	255	255	255
49	Speech Equ3K	FIX	0	13	255	255	255	255	255
50	Speech 10K	FIX	0	11	255	255	255	255	255
51	Brightness(RGB/DVD)	FIX	0	255	6	6	6	6	6
52	Contrast(RGB/DVD)	FIX	0	63	35	35	35	35	35
53	U Saturation(RGB/DVD)	FIX	0	63	44	44	44	44	44
54	V saturation(RGB/DVD)	FIX	0	63	43	43	43	43	43
55	V/FBL Delay	FIX	0	255	85	85	85	85	85
56	CrCb Delay	FIX	0	255	84	84	84	84	84
57	d/w h-position	FIX	0	255	255	255	255	255	255
58	d/w -blanking 1	FIX	0	255	255	255	255	255	255
59	d/w -blanking 2	FIX	0	255	255	255	255	255	255
60	PIP G CUTOFF	FIX	0	255	4	1	4	4	1
61	PIP G DRIVE	FIX	0	255	170	170	170	170	170
62	OSD/PIP BRIGHT BALANCE	FIX	0	31	31	31	31	31	31
63	PIP BRIGHT OFFSET	FIX	0	255	85	210	85	85	205
64	MDB_STRENGTH	FIX	0	127	68	68	68	68	68
65	MDB_HARMONIC	FIX	0	127	37	37	37	37	37
66	MDB_HP	FIX	0	30	9	9	9	9	9
67	MDB_LP	FIX	0	30	11	11	11	11	11
68	MDB_LIM	FIX	0	255	252	252	252	252	252
69	MDB_CUTOFF	FIX	0	40	12	12	12	12	12
70	EHT POSITION 1	FIX	0	255	5	5	5	5	5
71	EHT POSITION 2	FIX	0	255	249	249	249	249	249
72	3.4CH SLLTHD (TV-NO NOISE)	FIX	0	3	1	1	1	2	2
73	other CH SLLTHD (TV-NO NOISE)	FIX	0	3	1	1	1	2	2
74	LNA Operating Point	FIX	0	255	166	166	166	166	166
75	SLLTHDV(TV NO NOISE)	FIX	0	6	0	0	0	6	7
76	LNA Default	FIX	0	1	0	0	0	0	0
77	LNA SWITCH	FIX	0	1	0	0	0	0	0
78	LMIXOFS	FIX	0	13	13	13	13	13	13
79	CR_AMP_TH Setting	FIX	0	255	-	-	-	16	-
79	H-OUTDEL	FIX	0	255	72	72	72		74
80	H-OUTDEL	FIX	0	255	-	-	-	72	-
80	CR-P Initial	FIX	0	7	4	4	4		3
81	CR-I Initial	FIX	0	7	3	3	3	255	2
82	DRX_CR_AMP_TH	FIX	0	255	32	32	32	255	48
83	Over Modulation Return Counter	FIX	0	255	100	100	100	255	100
84	VCR Mode Counter	FIX	0	255	5	5	5	255	5
85	VID_AMP_HEAD_BS (In the modulation)	FIX	0	255	40	40	40	255	40

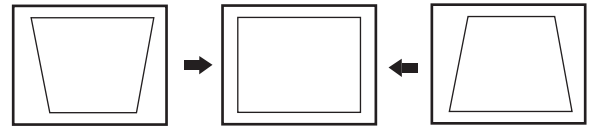
No	Factory Control	Remark	MIN	MAX	25", 29" America	21", 25", 29" South Central	21", 29" XTC	29" XTW	21", 29", 34" XAZ
86	CR_P (In the Over Modulation)	FIX	0	7	4	4	4	255	2
87	THRSEL (picture shaking when weak signal)	FIX	0	1	0	0	0	255	1
88	SLLTHDVP	FIX	0	1	1	1	1	255	0
89	SLLTHD_CATV	FIX	0	7	255	255	255	255	1

2-7 Screen Change (I2C Bus Geometric Adjustment)

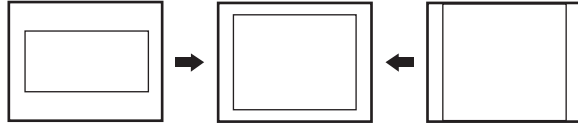
1 V SHIFT



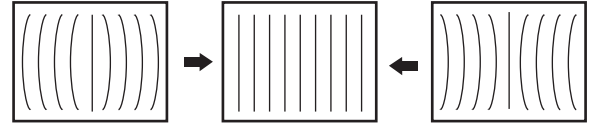
6 H TRAPIZIUM



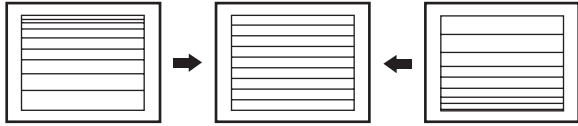
2 V AMP



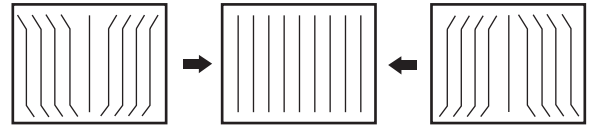
7 H PARABOLA



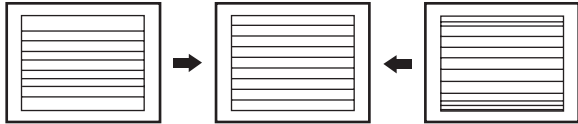
3 V SLOPE



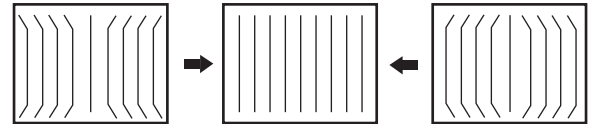
8 H Symmetry



4 V SC



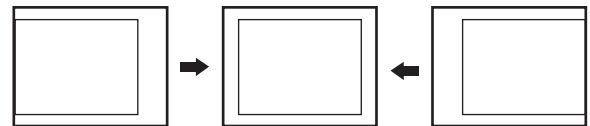
9 H Corner



5 H-EW



10 H SHIFT



2-8 Pin Connections and Short Descriptions

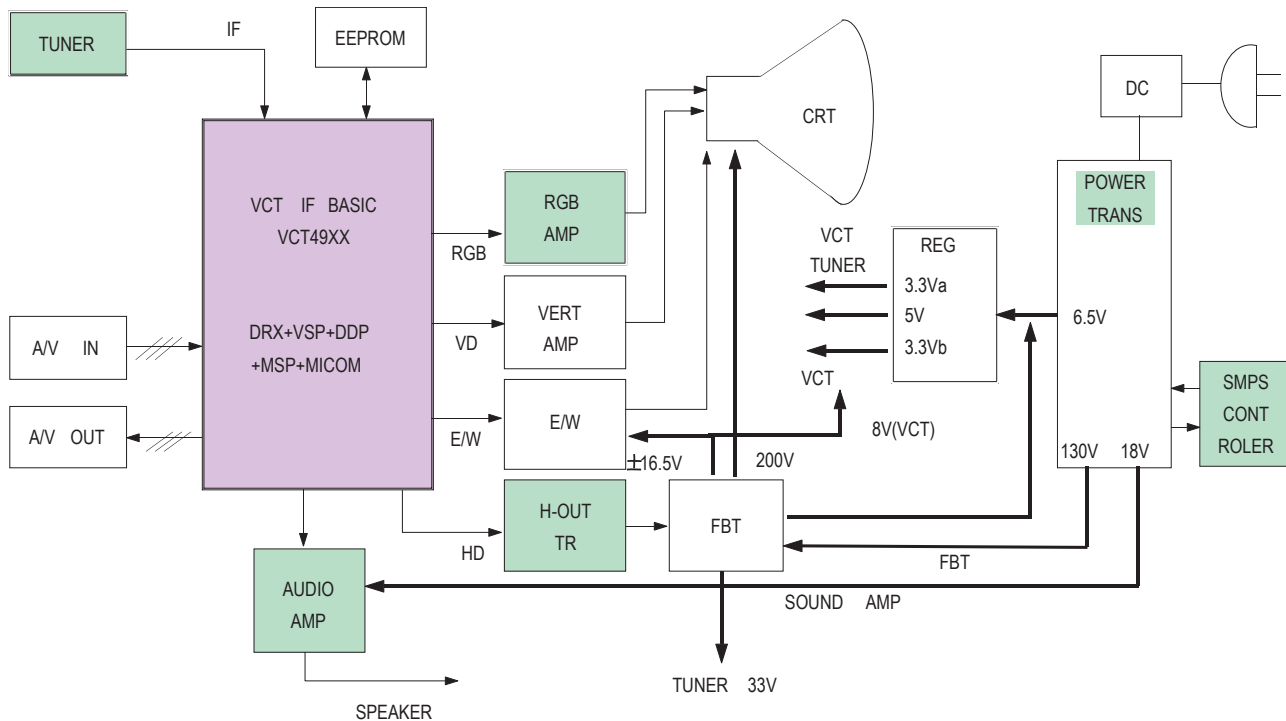
Pin No.	Pin Name	Type	Connection (If not used)	Short Description
1	GND	SUPPLY	OBL	Ground Platform
2	VSUP5.0BE	SUPPLY	OBL	Supply Voltage Analog Video Back-end, 5.0 V
3	TEST	IN	GND	Test Input, reserved for Test
4	VERT +	OUT	GND	Differential Vertical Sawtooth Output
5	VERT -	OUT	GND	Differential Vertical Sawtooth Output
6	EW	OUT	GND	Vertical Parabola Output
7	RSW2	OUT	LV	Range Switch 2 Output
8	RSW1	OUT	LV	Range Switch 1 Output
9	SENSE	IN	GND	Sense ADC Input
10	GNDM	IN	GND	Reference Ground for Sense ADC
11	FBIN	IN	GND	Fast Blank Input, Back-end
12	RIN	IN	GND	Analog Red Input, Back-end
13	GIN	IN	GND	Analog Green Input, Back-end
14	BIN	IN	GND	Analog Blue Input, Back-end
15	SVMOUT	OUT	VSUP5.0BE	Scan Velocity Modulation Output
16	ROUT	OUT	VSUP5.0BE	Analog Red Output
17	GOUT	OUT	VSUP5.0BE	Analog Green Output
18	BOUT	OUT	VSUP5.0BE	Analog Blue Output
19	VRD		OBL	Reference Voltage for RGB DACs
20	XREF		OBL	Reference Current for RGB DACs
21	VSUP3.3BE	SUPPLY	OBL	Supply Voltage Analog Video Back-end, 3.3 V
22	GND	SUPPLY	OBL	Ground Platform
23	GND	SUPPLY	OBL	Ground Platform
24	VSUP3.3IO	SUPPLY	OBL	Supply Voltage I/O Ports, 3.3 V (main and standby supply)
25	VSUP3.3DAC	SUPPLY	OBL	Supply Voltage Video DACs, 3.3 V
26	GNDDAC	SUPPLY	OBL	Ground Video DACs
27	SAFETY	IN	GND	Safety Input
28	HFLB	IN	HOUT	Horizontal Flyback Input
29	HOUT	OUT	LV	Horizontal Drive Output
30	VPROT	IN	GND	Vertical Protection Input
	PWMV	OUT	LV	PWM Vertical Output
	DFVBL	OUT	LV	Dynamic Focus Vertical Blanking Output
31	SDA	IN/OUT	OBL	I2C Bus Data Input/Output

Pin No.	Pin Name	Type	Connection (If not used)	Short Description
32	SCL	IN/OUT	OBL	I2C Bus Clock Input/Output
33	P21	IN/OUT	LV	Port 2, Bit 1 Input/Output
34	P20	IN/OUT	LV	Port 2, Bit 0 Input/Output
35	P17	IN/OUT	LV	Port 1, Bit 7 Input/Output
36	P16	IN/OUT	LV	Port 1, Bit 6 Input/Output
37	P15	IN/OUT	LV	Port 1, Bit 5 Input/Output
38	P14	IN/OUT	LV	Port 1, Bit 4 Input/Output
39	P13	IN/OUT	LV	Port 1, Bit 3 Input/Output
40	P12	IN/OUT	LV	Port 1, Bit 2 Input/Output
41	P11	IN/OUT	LV	Port 1, Bit 1 Input/Output
42	P10	IN/OUT	LV	Port 1, Bit 0 Input/Output
43	VSUP3.3FE	SUPPLY	OBL	Supply Voltage Analog Video Front-end, 3.3 V (main and standby supply)
44	GND	SUPPLY	OBL	Ground Platform
45	GND	SUPPLY	OBL	Ground Platform
46	VSUP1.8FE	SUPPLY	OBL	Supply Voltage Analog Video Front-end, 1.8 V (main and standby supply)
47	VOUT3	OUT	LV	Analog Video 3 Output
48	VOUT2	OUT	LV	Analog Video 2 Output
49	VOUT1	OUT	LV	Analog Video 1 Output
50	VIN1	IN	GND	Analog Video 1 Input
51	VIN2	IN	GND	Analog Video 2 Input
52	VIN3	IN	GND	Analog Video 3 Input
53	VIN4	IN	GND	Analog Video 4 Input
54	VIN5	IN	GND	Analog Video 5 Input
55	VIN6	IN	GND	Analog Video 6 Input
56	VIN7	IN	GND	Analog Video 7 Input
57	VIN8	IN	GND	Analog Video 8 Input
58	VIN9	IN	GND	Analog Video 9 Input
59	VIN10	IN	GND	Analog Video 10 Input
60	VIN11	IN	GND	Analog Video 11 Input
61	P23	IN/OUT	LV	Port 2, Bit 3 Input/Output
62	P22	IN/OUT	LV	Port 2, Bit 2 Input/Output
63	XTAL2	OUT	OBL	Analog Crystal Output
64	XTAL1	IN	OBL	Analog Crystal Input

Pin No.	Pin Name	Type	Connection (If not used)	Short Description
65	VSUP1.8DIG	SUPPLY	OBL	Supply Voltage Digital Core, 1.8 V (main and standby supply)
66	GND	SUPPLY	OBL	Ground Platform
67	GND	SUPPLY	OBL	Ground Platform
68	VSUP3.3DIG	SUPPLY	OBL	Supply Voltage Digital Core, 3.3 V
69	VSUP5.0IF	SUPPLY	OBL	Supply Voltage IF ADC, 5.0 V
70	VSUP5.0FE	SUPPLY	OBL	Supply Voltage Analog IF Front-end, 5.0 V
71	RESETQ	IN/OUT	OBL	Reset Input/Output
72	IFIN+	IN	VREF _{IF}	Differential IF Input
73	IFIN-	IN	VREF _{IF}	Differential IF Input
74	VREFIF		OBL	Reference Voltage, IF ADC
75	TAGC	OUT	LV	Tuner AGC Output
76	AIN1R/ SIF	IN/ OUT	GND	Analog Audio 1 Input, Right Analog 2nd Sound IF Output
77	AIN1L	IN	GND	Analog Audio 1 Input, Left
78	AIN2R	IN	GND	Analog Audio 2 Input, Right
79	AIN2L	IN	GND	Analog Audio 2 Input, Left
	AIN3R	IN	GND	Analog Audio 3 Input, Right
	AIN3L	IN	GND	Analog Audio 3 Input, Left
	AOUT2R	OUT	LV	Analog Audio 2 Output, Right
	AOUT2L	OUT	LV	Analog Audio 2 Output, Left
80	AIN3R/ AOUT2R	IN/ OUT	LV	Analog Audio 3 Input, Right Analog Audio 2 Output, Right
81	AIN3L/ AOUT2L	IN/ OUT	LV	Analog Audio 3 Input, Left Analog Audio 2 Output, Left
82	AOUT1R	OUT	LV	Analog Audio 1 Output, Right
83	AOUT1L	OUT	LV	Analog Audio 1 Output, Left
84	SPEAKER R	OUT	LV	Analog Loudspeaker Output, Right
85	SPEAKER L	OUT	LV	Analog Loudspeaker Output, Left
86	VREFAU		OBL	Reference Voltage, Audio
87	VSUP8.0AU	SUPPLY	OBL	Supply Voltage Analog Audio, 8.0 V
88	GND	SUPPLY	OBL	Ground Platform

MEMO

3. Block Diagram



MEMO

You can search for the updated part code through ITSELF web site.

URL: <http://itself.sec.samsung.co.kr>

5. Electrical Part List

5-1 CL25M2MQUX/XAX

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
ASSY COVER FRONT					ASSY COVER REAR				
1	M0001	AA90-05329T	ASSY COVER FRONT	S.N.A	1	M0002	AA90-05330E	ASSY COVER REAR;25M21,SAMEX,HIPS,HB,GR50	S.N.A
.2	M0081	6003-001026	*SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A	.2	M0081	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
.2	M0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	S.N.A	.2	M0081	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
.2	CRT+CF	AA60-10050V	BOLT-HEX,-,SWRCH18A,M6,L30,HH,+,WC,-,Z	S.N.A	.2	T0069	AA60-00091J	SPACER-FELT,-,FELT,330X10,-,BLK,T0.5,-	S.N.A
.2	T0578	AA64-04057C	INLAY AV;25M20,PS,T0.5,SHEET	S.N.A	.2	T0081	AA60-10050T	SCREW-TAPPING,-,SWRCH18A,M4,L20,RH,+,2S,	S.N.A
.2	T0057	AA64-70123A	BADGE-BRAND;NEW,AL,L50,FLAT,SILVER,SAMSU	S.N.A	.2	T0569	AA61-00356B	HOLDER-TUNER,F/JACK;501F,ABS,-,-,BLK,H	S.N.A
.2	CIS1	AA65-00011C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A	.2	M0006	AA63-01063B	COVER-REAR;25M21,SAMEX,HIPS,HB,GR503	S.N.A
.2	CIS1	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A	.2	T0066	AA64-03974B	INLAY-BACK;KS7A,(ET),NT,PS,T0.3,SHEET,BL	S.N.A
.2	CIS1	AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A	.2	T0522	AA65-30008A	CLAMPER CORE-CORD,-,PE,HB,-,BLK,-	S.N.A
.2	T0098	AA96-02524A	ASSY PCB P;TACT S/W,M21,KS7A,GOLD RUSH	S.N.A	.2	INL/CAUT	AA64-02052A	INLAY;CAUTION,73X93.W/O-FCC,LGRY-TXT,BLK	S.N.A
.3	T0245	0202-001366	SOLDER-WIRE FLUX,-,RS60S,D1.2,63Sn/37Pb,	S.N.A					
.3	DY01	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T						
.3	DY02	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T						
.3	DZY01	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO						
.3	DZP01	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO						
.3	LDY02	0601-000465	LED;ROUND,GRN,5mm,565						
.3	RY03	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		1	T0521	AA91-05989A	ASSY CPT;A59QDF891X999,+380MG,1.05MH	S.N.A
.3	RY05	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		.2	T0063	AA03-00322A	CRT COLOR;A59QDF891X999,380MG,1.05MH,14.	
.3	RY01	2001-000020	R-CARBON(S);220HM,5%,1/2W,AA,TP,2.4X6.4M		.2	T0089	AA27-00262A	COIL DEGAUSSING;25INCH F,10%,45TS,4.50H	
.3	RY07	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		.2	T0334	AA60-00038A	SPACER-CRT;PS,SHEET,T1.0,BLK,-,-,-,-,-	S.N.A
.3	RY02	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		.2	T0527	AA65-30113A	CLAMPER CORE-D,COIL,-,NYLON 66,V2,-,BLK,	S.N.A
.3	RY04	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		.2	T0603	AA98-70008B	ASSY TBC WIRE P;TVI,25,NTSC,2P,UL1015#22	S.N.A
.3	CY01	2401-002291	C-AL;47uF,20%,16V,GP,TP,6.3x5.5						
.3	SW07	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	SWY02	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	SWY03	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	SWY04	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	SWY05	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	SWY06	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm						
.3	D0254	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES		1	M0017	AA91-09340A	ASSY CHASSIS;KS7A,25,S/V,XAX,GOLD RUSH	S.N.A
.3	T0245	AA39-00385A	LEAD CONNECTOR-ASSY;GOLR RUSH,UL1007#26,		.2	M0014	AA94-15398A	ASSY PCB MAIN;KS7A,25M2,S/V,XAX,GOLD RUS	
.3	T0245	AA39-20050A	LEAD CONNECTOR-ASSY;3P,200,YBNH250-03,Y		.3	T0245	0202-001366	SOLDER-WIRE FLUX,-,RS60S,D1.2,63Sn/37Pb,	S.N.A
.3	0	AA41-01085A	PCB-TACT SWITCH;M21,FR-1,1,A,245*245*1.6	S.N.A	.3	D408	0402-001295	DIODE-RECTIFIER;GUR460L-5700,600V,4A,DO-	
.2	T0610	AA96-03139A	ASSY PCB P-A/V SIDE;25M21,KS7A,GOLD RUSH	S.N.A	.3	D404	0402-001599	DIODE-RECTIFIER;DGP30L,1500,3A,DO-201AD	
.3	T0245	0202-001366	SOLDER-WIRE FLUX,-,RS60S,D1.2,63Sn/37Pb,	S.N.A	.3	Q402	0502-001007	TR-POWER;KSC2073-H2,NPN,25W,TO-220,ST,6	
.3	C701	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		.3	PC801S	0604-001038	PHOTO-COUPLER;TR,130-260V,200mW,DIP-4,ST	
.3	C702	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		.3	IC112	1103-001171	IC-EEPROM;24C161,2Kx8,DIP,8P,9.2x6.4mm,2	
.3	L701	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534		.3	T0087	1203-000293	IC-POSIFIXED REG.;7808,TO-220,3P,-,PLAS	
.3	L702	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534		.3	IC309	1203-001006	IC-VOLTAGEREGULATOR78R05,TO-220F,4P	
.3	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,-,50	S.N.A	.3	T0087	1203-001944	IC-POSIFIXED REG.;78RM33,TO-220,3P,-,PL	
.3	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,-,50	S.N.A	.3	T0900	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T	
.3	JA701	3722-001031	JACK-PIN;3P,3.6mm,#18,AU		.3	P803T	1404-001264	THERMISTOR-PTC;4.5OHM,+30/-20%,220V,290V	
.3	T0245	AA39-20009D	LEAD CONNECTOR-ASSY;1P,500,YFH800-01,16		.3	R896	2009-000021	R-METAL PLATE;0.33ohm,10%,5W,CL,TP,5x14x	
.3	T0245	AA39-20068E	LEAD CONNECTOR-ASSY;8P,500,YBNH025-08,6		.3	R811	2009-001011	R-METAL PLATE;0.18ohm,10%,5W,CL,TP,5x14x	
.3	00VER	AA41-01042A	PCB-AV;CS25M20,FR-1,1,245*245,KS7A,15A,A	S.N.A	.3	CY802S	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	
.3	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A	.3	CY801S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.	
.2	T0382	BP61-00495C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W30.0mm	S.N.A	.3	C405S	2301-001338	C-FILM,LEAD-OTHER;0.68NF,5%,1.6KV,BK,28X	
.2	T0003	AA96-03018H	ASSY COVER P-FRONT;25M21,HIPS,HB,G4309,S	S.N.A	.3	CR402S	2303-000118	C-FILM,LEAD-PPF;10nF,5%,1.6KV,BK,31x19.5	
.3	M0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	S.N.A	.3	CR406S	2306-000195	C-FILM,LEAD-PPF;360NF,5%,400V,BK,26X19X1	
.3	M0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	S.N.A	.3	CX801S	2306-000318	C-FILM,LEAD-PPF;220NF,20%,250V,BK,-,22.5	
.3	M0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	S.N.A	.3	CR403S	2306-000329	C-FILM,LEAD-PPF;7NF,3%,1.6KV,BK,28X18.	
.3	M2893	AA39-00369B	LEAD CONNECTOR;KS7A/CL29M21,UL1007#22,4P		.3	C803	2401-002287	C-AL;470uF,20%,200V,WT,BK,25x40,10	
.3	T0069	AA60-00091G	SPACER-FELT,-,FELT,200X10,-,-,BLK,T0.5,-	S.N.A	.3	C821	2401-003633	C-AL;220uF,20%,160V,GP,BK,22x25mm,10	
.3	T0245	AA61-00711B	HOLDER-PCB;29U1,U2,HIPS FV2,BK502(HB-PRO	S.N.A	.3	XV201	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,	
.3	CIS7	AA61-60003J	SPRING ETC-CS,-,SUS304,-,-,OD6,N7,OD6,-,	S.N.A	.3	ICV101	2904-001196	FILTER-SAW AV;44MHZ,SIP5K,ST,16.2DB,-,42	
.3	M0112	AA63-01061D	COVER-FRONT;25M21,HIPS,2.0,HB,G4609,SV01	S.N.A	.3	RL801S	3501-001053	RELAY-POWER;5VDC,530MW,10000MA,1FORMA,15	
.3	CIS3	AA64-04048A	DECORATION-POWER;29M21,ABS,HB,G3676.AL	S.N.A	.3	FD802	3601-000414	FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5	
.3	T0023	AA64-04049A	KNOB POWER;29M21,ABS,HB,G3676,SVM3012	S.N.A	.3	V999S	3704-001197	SOCKET-CRT;8P+SEN,29PI,22.5PI,Ni+SN,-	
.3	T0022	AA64-04050E	KNOB CONTROL;29M21,ABS,HB,G3676,SVM3012	S.N.A	.3	CN906	3711-000999	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,STRAIGH	
.3	T0592	AA64-04051A	WINDOW-CONTROL;29M21,PC,CLEAR	S.N.A	.3	CN906	3711-001084	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
.3	T0382	BP61-00509C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W20.0mm	S.N.A	.3	CN906	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
.3	T0082	3001-001592	SPEAKER;15W,8ohm,92dB/1W,0.5m,140Hz		.3	CN906	3711-002647	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
...	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		...	DZ403	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		...	DZ816	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...	CN906	3711-003241	CONNECTOR-HEADER;BOX,14P,1R,2.5MM,STRAIG		...	D804	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
...	JAR701	3722-001333	JACK-PIN;9P,3.2mm,NL,BLK,-		...	D805	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
...	DVD_SVHS3722-001423	JACK-PIN;3P+S1P,3.4mm,NL,BLK,-			...	D402	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
△	T444S	AA26-00205B	TRANS FBT;FFA61012K,CPTTV,3.4mH,FERRITE,		...	D403	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
...	T801S	AA26-00228C	TRANS SWITCHING;VD082-02,S60A,300V,90-26		...	D808	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
...	T401	AA26-500010M	TRANS HORIZ.DRIVE;---,80mH,--,520uH,-		...	D812	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
...	T0010	AA27-00286A	COIL CHOKE;1MH,CPTTV,1MH,10%,0.50HM,1A,D		...	D504	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP	
...	T0010	AA27-10002L	COIL CHOKE;-,24uH,K,-,2A,-,24UH-K,10x10mm		...	D813	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
...	T0296	AA27-30003S	COIL LINEARITY;-,54uH,YL81DR14x15,0.12mm		...	D405	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
△	LX801S	AA29-00012A	FILTER LINE NOISE;CS29A6PF8X/HAC,-,0.1MA		...	D401	0402-000537	DIODE-RECTIFIER;RH1A,600V,0.6A,DO-204AC	
...	M2893	AA39-00376B	LEAD CONNECTOR;ET-PAL CIS,UL1007/2547#26		...	D406	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
...	T0245	AA39-20010B	LEAD CONNECTOR-ASSY;1P,500,YFH800-01,S,		...	D303	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,S,		...	D407	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	CIS3	AA40-00016A	TUNER-F/S;TDQ-6F/13F2S,NTSC,181CH,45.75M		...	D501	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	GT301	AA60-40012F	PIN-GT;4P,2.36P1,6/12/14mm,NYLON66,LOCKI	S.N.A	...	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
△	PD801S	AA60-40012G	PIN-GT;3P,2.36P1,10/5mm,NYLON66,LOCKING	S.N.A	...	D503	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	CIS1	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-	S.N.A	...	D803	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	CIS1	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-	S.N.A	...	D806	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
...	CIS1	AA65-30111A	CLAMPER CORE-WIRE;ALL MODEL,NYLON,V0,-,W	S.N.A	...	DZ905	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
△	D801S	AA96-00276C	ASSY HEAT SINK P;-BRIDGE,AA62-00052A,G	S.N.A	...	DZV101	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
...	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A	...	DZV200	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
...		0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK		...	DZV902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
...	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	...	DZ306	0403-000700	DIODE-ZENER;TZP33A,5%,1000MW,DO-41,TP	
...	T0063	AA60-30003A	WASHER;T1.5,SBHG-1	S.N.A	...	DZ811	0403-000700	DIODE-ZENER;TZP33A,5%,1000MW,DO-41,TP	
...	T0175	AA62-00052A	HEAT SINK-PS;-,-,SILVER,HOLE 18.5mm, 2	S.N.A	...	DZ812	0403-000700	DIODE-ZENER;TZP33A,5%,1000MW,DO-41,TP	
...	HC801	AA96-00475J	ASSY HEAT SINK P;AA62-00066B,SCREW,FMG-G	S.N.A	...	DZ242	0403-000714	DIODE-ZENER;MTZJ3.3B,3.32-3.53V,500MW,DO	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	DZV201	0403-000714	DIODE-ZENER;MTZJ3.3B,3.32-3.53V,500MW,DO	
...		0402-001230	DIODE-RECTIFIER;FMG-G2CS,1000V,3A,DO-41,		...	DZ603	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...		0402-001374	DIODE-RECTIFIER;FFFP602US,200V,6A,TO-22		...	DZ701	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	IC309	1203-001006	IC-VOLTAGEREGULATOR78R05,TO-220F,4P		...	DZ702	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	T0087	1203-001543	IC-POSI.FIXED REG.;78R33,TO-220,4P,400MI		...	DZ703	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	M0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A	...	DZ813	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	T0098	AA62-00066B	HEAT SINK;D2,D3,AL,T1.0,89,70,-,AA62-00	S.N.A	...	DZV01	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	IC301	AA96-00623F	ASSY HEAT SINK P;LA78045,SCREW,AA62-0005	S.N.A	...	DZV02	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	DZV204	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	T0088	1204-002183	IC-VERTICAL PROCESSO;LA78045,TO220,7P,15		...	DZV205	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
...	M0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A	...	DZ501	0403-001211	DIODE-ZENER;MTZJ12B,11.8-12.3V,500MW,DO-	
...	T0175	AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-	S.N.A	...	DZ502	0403-001211	DIODE-ZENER;MTZJ12B,11.8-12.3V,500MW,DO-	
...	Q801	AA96-00624G	ASSY HEAT SINK P;SCREW,AA62-00057B,FQP63	S.N.A	...	DZ503	0403-001211	DIODE-ZENER;MTZJ12B,11.8-12.3V,500MW,DO-	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	DZ303	0403-001221	DIODE-ZENER;UZ39SB8,35.36-37.19V,500MW,D	
...	Q409	0505-001723	FET-SILICON;FPQ630TSTU,N,200V,9A,0.4OHM,		...	DZ814	0403-001320	DIODE-ZENER;MTZJ6.2C,6.16-6.4V,500MW,DO-	
...	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	...	DZV202	0403-001320	DIODE-ZENER;MTZJ6.2C,6.16-6.4V,500MW,DO-	
...	T0175	AA62-00057B	HEAT SINK-PS;CT-29K12P,A1050S,1.0,41,60,	S.N.A	...	DZV203	0403-001320	DIODE-ZENER;MTZJ6.2C,6.16-6.4V,500MW,DO-	
...	Q401	AA96-00624J	ASSY HEAT SINK P;SCREW,AA62-00057A,C5936	S.N.A	...	DZ815	0403-001321	DIODE-ZENER;MTZJ6.8C,6.7-6.97V,500MW,DO-	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	DZ301	0403-001329	DIODE-ZENER;MTZJ24B,22.75-23.73V,500MW,D	
...	H/S	0502-001264	TR-POWER;2SC5936,NPN,40000mW,TOP-3E,ST,5		...	DZ302	0403-001329	DIODE-ZENER;MTZJ24B,22.75-23.73V,500MW,D	
...	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	...	DZ305	0403-001329	DIODE-ZENER;MTZJ24B,22.75-23.73V,500MW,D	
...	T0105	AA60-30001A	WASHER-PLATE;M3,JD3.5,15X8.5,T1.0,SBHG	S.N.A	...	QV207	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
...	T0175	AA62-00057A	HEAT SINK-PS;-,-,T1.0,-,41*20*60,D2,-,-	S.N.A	...	QV905	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
...	IC602	AA96-02124A	ASSY HEAT SINK P;AA62-30182G,SCREW,TDA72	S.N.A	...	Q501	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	QV203	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
...	T0085	1201-002218	IC-AUDIO AMP;TDA7297SA,ZIP,15P,-,DUAL,32		...	QV204	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
...	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	...	QV205	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
...	T0607	AA61-01390A	BRACKET-IC;CT-29A20HR,SECC,T1.0	S.N.A	...	QV272	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
...	T0066	AA62-30182G	HEAT SINK-ES;CT-29A20HR,A06063S,T2.0,26.2	S.N.A	...	Q802	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
△	T0066	AA96-20112A	ASSY POWER CORD;-,-,EP2NO,H/C300,KJ10,THA		...	Q805	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	T0268	AA39-10006K	CBF-POWER CORD;-,-,KU-10,SP7-2 2/18AWG,240		...	Q806	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	T0010	AA61-20284A	HOLDER-P;CORD,PP,-,-,BLK,VO,KE-002	S.N.A	...	QR02S	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	IC501	AA96-50311N	ASSY HEAT SINK P;AA62-30175D,TDA6109JF,S	S.N.A	...	QV202	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	T0074	1201-002214	IC-VIDEO AMP;TDA6109JF,SDIP,9P,18.5mm,-,-		...	QV206	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	M0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A	...	QV273	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	T0175	AA62-30175D	HEAT SINK-PS;-,-,SECC,T1.0,-,33X15X30 FT-2	S.N.A	...	QV901	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
△	IC801S	AA96-50371K	ASSY HEAT SINK P;AA62-30181H,SCREW,STR-X	S.N.A	...	QV902	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	...	QV951	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
...	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	...	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
...	IC063	AA13-00112A	IC HYBRID;STR-X6750B,CS29M6PF,7,-,20 to +		...	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
...	T0066	AA62-30181H	HEAT SINK-ES;-,-,AL6063 EXTR.,2,WHT,50MM,-	S.N.A	...	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
...	M0014	AA97-15147A	ASSY AUTO-MAIN;K57A,DVD+SVHS,CL25M6,GOLD		...	IC012	1203-001217	IC-POSI.ADJUST REG.;431,T,TO-92,3P,4.58MIL	
...	D814	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		...	IC202	1203-001943	IC-VOL. DETECTOR;7025,TO-92,3P,-,PLASTIC	
...	DV201	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		△	VP801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
...	DV202	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		△	VX801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
...	DV203	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		...	RV940	2001-000003	R-CARBON;330OHM,5%,1/8W,AA,TP	
...	DV901	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		...	RV272	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
...	DV951	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		...	RV275	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
...	DV952	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		...	R306	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	R405	2001-000020	R-CARBON(S);220HM,5%,1/2W,AA,TP,2.4X6.4M		4	R551	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R807	2001-000037	R-CARBON(S);330OHM,5%,1/2W,AA,TP,2.4X6.4		4	RV276	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV202	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R621	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV222	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R622	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV258	2001-000252	R-CARBON;1.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV108	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R806	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV109	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R836A	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV110	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV107	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV111	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	LV902	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV271	2001-000869	R-CARBON;560HM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	LV903	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV934	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R104	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV701	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R107	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV702	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R501	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV703	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R504	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV704	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R505	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV705	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R609	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV927	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R619	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV928	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RL909	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R812	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV112	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV106	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV113	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R942	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RV234	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R514	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV920	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R402	2001-001070	R-CARBON(S);120OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV923	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R832	2001-001079	R-CARBON(S);15OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RV925	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R805	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RV929	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R820	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RV930	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R417	2001-001099	R-CARBON(S);2.7KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV1910	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV218	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4X6.4	
....4	R309S	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R404	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R620	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R302	2001-001115	R-CARBON(S);27KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R838	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R415	2001-001115	R-CARBON(S);27KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R941	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R818	2001-001131	R-CARBON(S);33KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV201	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R314	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV905	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R895	2001-001152	R-CARBON(S);47KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV951	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	L406	2001-001168	R-CARBON(S);6.8KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RV952	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R401	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RV274	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R501H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
....4	RV208	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R502H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
....4	RV209	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R511	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
....4	RV210	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RX801S	2002-001010	R-COMPOSITION;1.8Mohm,5%,1/2W,AA,TP,3.7x	
....4	RV220	2001-000376	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
....4	R553	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R426	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP,4x12m	
....4	R607	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R804	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12	
....4	R608	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R830	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12	
....4	R944	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R831	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12	
....4	RR09S	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R309	2003-001018	R-METAL OXIDE(S);220ohm,5%,2W,AF,TP,3.9x	
....4	RR10S	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R423	2003-001042	R-METAL OXIDE(S);5.6Kohm,5%,2W,AF,TP,3.9	
....4	RV225	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R310	2003-002037	R-METAL OXIDE(S);270ohm,5%,2W,AF,TP,3.9x	
....4	RV252	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R407	2003-002151	R-METAL OXIDE;18KOHM,5%,2W,AG,TP,6X16MM	
....4	RV902	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R420	2004-000412	R-METAL;18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
....4	RV906	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV909	2004-000869	R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
....4	RV922	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R411	2004-000947	R-METAL;43Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
....4	R550	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV911	2004-001382	R-METAL(S);13Kohm,1%,1/2W,AA,TP,2.4x6.4mm	
....4	RV232	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV912	2004-001382	R-METAL(S);13Kohm,1%,1/2W,AA,TP,2.4x6.4mm	
....4	RV233	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R416	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
....4	RV941	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R305	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	R939	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV230	2004-001402	R-METAL(S);6.8Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	RV219	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R816	2004-001891	R-METAL(S);133Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	RV207	2001-000527	R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R821	2004-001891	R-METAL(S);133Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	RV211	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R819	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	RV223	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV212	2004-002187	R-METAL;619ohm,1%,1/8W,AA,TP,1.8x3.2mm	
....4	RV256	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV214	2004-002187	R-METAL;619ohm,1%,1/8W,AA,TP,1.8x3.2mm	
....4	RV224	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV216	2004-002187	R-METAL;619ohm,1%,1/8W,AA,TP,1.8x3.2mm	
....4	RV205	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RV913	2004-004045	R-METAL(S);390ohm,1%,1/2W,AA,TP,2.5x6.5m	
....4	RV273	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R315	2004-005054	R-METAL(S);39KOHM,1%,1/2W,AA,TP,2.4X6.4M	
....4	RV213	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R834	2008-000205	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5	
....4	RV215	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R809B	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m	
....4	RV217	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R829	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x	
....4	R833	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R413	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R841	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R414	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
....4	RV105	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R825	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
....4	RV221	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R827	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
....4	RV903	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R837	2008-000290	R-FUSIBLE(S);2.4ohm,5%,2W,AF,TP,3.9x10mm	
....4	RV904	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R898	2008-000290	R-FUSIBLE(S);2.4ohm,5%,2W,AF,TP,3.9x10mm	
....4	RV907	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R303	2008-001013	R-FUSIBLE(S);1.2ohm,5%,2W,AF,TP,3.9x10mm	
....4	RV908	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R304	2008-001015	R-FUSIBLE(S);1.5ohm,5%,2W,AF,TP,3.9x10mm	
....4	RV924	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R516	2008-001015	R-FUSIBLE(S);1.5ohm,5%,2W,AF,TP,3.9x10mm	
....4	RV926	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R418	2008-001023	R-FUSIBLE(S);3.3ohm,5%,1/2W,AF,TP,2.5x6.4	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	R828	2008-001138	R-FUSIBLE;2.40HM,5%,1W,AF,TP,3.9X10MM		4	CV910	2305-000412	C-FILM,LEAD-PEF;470nF,5%,63V,TP,-5mm	
△....4	FD801A	2008-001160	R-PICO FUSIBLE;20mohm,20%,1W,AA,TP,2.3x6		4	CV911	2305-000412	C-FILM,LEAD-PEF;470nF,5%,63V,TP,-5mm	
....4	FD802S	2008-001163	R-PICO FUSIBLE;10mohm,20%,1W,AA,TP,2.3x6		4	C620	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C424	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5		△....4	CR04S	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C302	2201-000192	C-CERAMIC,DISC;0.01NF,0.25PF,500V,C0G,TP		4	CV104	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C823	2201-000291	C-CERAMIC,DISC;1NF,10%,500V,Y5P,TP,7.5X3		4	CV212	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C804	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4		4	CV213	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C805	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4		4	CV260	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C828	2201-000374	C-CERAMIC,DISC;0.22NF,5%,50V,C0G,TP,10.5		4	CV912	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	CV253	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP,5X3		4	CV914	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	CV254	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP,5X3		4	C400	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C408	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.		4	C850	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C411	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.		4	CV101	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
....4	C413	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.		4	CV272	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C818	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.		4	C815	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C888	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.		4	C303	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5,5	
....4	C403	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.		4	C304	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
....4	C845	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.		4	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C508	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5		4	C507	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	CV913	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		4	C617	2401-000493	C-AL;10uF,20%,50V,LZ,TP,5x11mm,5mm	
....4	CV915	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		4	C808	2401-000493	C-AL;10uF,20%,50V,LZ,TP,5x11mm,5mm	
....4	CV198	2202-000216	C-CERAMIC,MLC-AXIAL;0.027NF,5%,50V,SL,TP		4	C826	2401-000603	C-AL;1uF,20%,50V,GP,TP,5X11,2	
....4	CV199	2202-000216	C-CERAMIC,MLC-AXIAL;0.027NF,5%,50V,SL,TP		4	CV222	2401-000603	C-AL;1uF,20%,50V,GP,TP,5X11,2	
....4	C607	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	CV602	2401-001026	C-AL;3.3uF,20%,50V,GP,TP,5X11,5	
....4	C608	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	C409	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C627	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	C813	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5	
....4	C629	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	C412	2401-001527	C-AL;47uF,20%,250V,HR,TP,13x25mm,5m	
....4	C638	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	C612	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5	
....4	C642	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	C613	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5	
....4	C644	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	CV603	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	CV643	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	CV604	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	CV701	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	CV605	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	CV702	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		4	CV606	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	C101S	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3.		4	CV607	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	C102S	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3.		4	CV608	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
....4	CV271	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3.		4	C621	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
....4	CV201	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C812	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	CV203	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	CV214	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	CV205	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	CV903	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	CV210	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C814	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4	CV219	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C825	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4	CV256	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C817	2401-002215	C-AL;2200uF,20%,25V,WT,TP,13x25,5	
....4	CV257	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C819	2401-002215	C-AL;2200uF,20%,25V,WT,TP,13x25,5	
....4	CV259	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C407	2401-002268	C-AL;2.2uF,20%,250V,LZ,TP,8X11,5	
....4	CV262B	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C410	2401-002288	C-AL;470uF,20%,25V,WT,TP,10x20,5	
....4	CV612	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	CV102	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11,5,5	
....4	CV902	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C829	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11,5,5	
....4	CV904	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	C402	2401-002597	C-AL;220uF,20%,35V,GP,TP,10x12,5,5	
....4	CV908	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	CV202	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	RV999	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		4	CV204	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV207	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		4	CV206	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV208	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		4	CV218	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV209	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		4	CV231	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV920	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP		4	CV255	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV111A	2202-002009	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		4	CV258	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	C420	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V		4	CV261	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV601	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V		4	CV611	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	C843	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5		4	CV905	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	C610	2301-000224	C-FILM,LEAD-PEF;22nF,5%,50V,TP,7.4x3.9x1		4	CV907	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	C611	2301-000224	C-FILM,LEAD-PEF;22nF,5%,50V,TP,7.4x3.9x1		4	CV909	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	CV223	2301-000224	C-FILM,LEAD-PEF;22nF,5%,50V,TP,7.4x3.9x1		4	C108	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
....4	C301	2301-000342	C-FILM,LEAD-PEF;2.2nF,5%,50V,TP,7.4x3.9x		4	CV918	2401-003578	C-AL;1000uF,20%,10V,GP,TP,8x20mm,5	
....4	C844	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6		4	LV101	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
....4	C107	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm		4	LV252A	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
....4	C401	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm		4	LV252B	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
....4	CV103	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm		4	RV101	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
....4	CV110	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm		4	RV102	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
△....4	C807	2301-001342	C-FILM,LEAD-PPF;1.5nF,5%,800V,TP,15x6.5x		4	LV204	2701-000115	INDUCTOR-AXIAL;10UH,10%,3070	
△....4	CR404S	2303-001001	C-FILM,LEAD-PPF;22nF,5%,630V,TP,18x14.5x		4	LV601	2701-000115	INDUCTOR-AXIAL;10UH,10%,3070	
....4	C414A	2305-000237	C-FILM,LEAD-PEF;1uF,5%,63V,TP,7.5x15.5mm		4	L284	2701-000116	INDUCTOR-AXIAL;10UH,10%,4298	
....4	C305	2305-000285	C-FILM,LEAD-PEF;220NF,5%,100V,TP,10.5X5.		4	LV251	2701-000116	INDUCTOR-AXIAL;10UH,10%,4298	
....4	C824	2305-000289	C-FILM,LEAD-PEF;220NF,5%,63V,TP,-5mm		4	LV904	2701-000116	INDUCTOR-AXIAL;10UH,10%,4298	
....4	CV211	2305-000289	C-FILM,LEAD-PEF;220NF,5%,63V,TP,-5mm		4	L424	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	C308	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x		4	L825	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	CV933	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x		4	LV701	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	CV934	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x		4	LV702	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	CV935	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x		4	LV703	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	LV201	2701-000143	INDUCTOR-AXIAL;1UH,10%,3070		4	EY830	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV202	2701-000143	INDUCTOR-AXIAL;1UH,10%,3070		4	EY831	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV203	2701-000143	INDUCTOR-AXIAL;1UH,10%,3070		4	EY832	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV901	2701-000143	INDUCTOR-AXIAL;1UH,10%,3070		4	EY833	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV905	2701-000158	INDUCTOR-AXIAL;22UH,10%,2534		4	EY834	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV205	2701-000159	INDUCTOR-AXIAL;22UH,10%,4298		4	EY835	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV704	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534		4	EY836	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV705	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534		4	EY837	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L607	2701-000177	INDUCTOR-AXIAL;33UH,10%,2534		4	EY838	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L608	2701-000177	INDUCTOR-AXIAL;33UH,10%,2534		4	EY839	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L705	2701-000177	INDUCTOR-AXIAL;33UH,10%,2534		4	EY840	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L706	2701-000177	INDUCTOR-AXIAL;33UH,10%,2534		4	EY841	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV206	2701-000184	INDUCTOR-AXIAL;4.7UH,10%,2534		4	EY842	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L303B	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514		4	EY843	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	LV253	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm		4	EY844	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	F101	2901-000297	FILTER-EMI ON BOARD;-3A,-,3.5x5,TP,-		4	EY845	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	F101	2901-000297	FILTER-EMI ON BOARD;-3A,-,3.5x5,TP,-		4	EY846	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY847	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY848	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY849	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY850	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY851	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY852	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY853	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY854	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY855	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY856	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A	4	EY857	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	F801A	3602-000114	FUSE-HOLDER;-,-,30mohm		4	EY858	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	F801B	3602-000114	FUSE-HOLDER;-,-,30mohm		4	EY859	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL800	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY862	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL801	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY863	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL802	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY864	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL803	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY865	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL804	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY866	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL805	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY867	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL806	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY868	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL807	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY869	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL808	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY870	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL809	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY871	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL811	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY872	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL812	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY873	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL842	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY874	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL857	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY875	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL868	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	4	EY876	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY600	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY877	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY601	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY878	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY602	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY879	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY603	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY880	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY800	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY881	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY801	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY882	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY802	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY883	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY803	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	CN909	AA37-00001A	CONNECTOR-FBT FIX PIN;JM-3500,CPTTV,0.36	
....4	EY804	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY805	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY806	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY807	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY808	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY809	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY810	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY811	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY812	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY813	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY814	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	EY815	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	DZ807	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO	
....4	EY816	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	R843	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	EY817	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	R817	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	EY818	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	R810	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	EY819	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	C809	2201-000558	C-CERAMIC,DISC;0.47NF,10%,50V,Y5P,TP,5X3	
....4	EY821	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
....4	EY822	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	R803	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
....4	EY823	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	C846A	2401-003555	C-AL;3300uF,20%,25V,WT,TP,16x25,7.5	
....4	EY824	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EL501	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EY826	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EL502	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EY827	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	F101	2901-000299	FILTER-EMI ON BOARD;-6A,UL/CSA,-9x7.5	
....4	EY828	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	C504	2301-001259	C-FILM,LEAD-PPF;100nF,5%,400V,TP,19x8x16	
....4	EY829	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	C404A	2303-000331	C-FILM,LEAD-PPF;4.7nF,5%,630V,TP,19.5x12	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	L503	2701-000154	INDUCTOR-AXIAL;220UH,10%,4298	
....4	EY884	6042-000002	EYELET;ID1.5,OD2,L2.8,Ni+SN,BSP3-1/2H	S.N.A
....4	EY885	6042-000002	EYELET;ID1.5,OD2,L2.8,Ni+SN,BSP3-1/2H	S.N.A
....4	T0077	AA41-01024F	PCB MAIN;29M16,FR-1,F,330x245,KS7A,1A	S.N.A
....4	RV257	2001-000232	R-CARBON;1.3KOHm,5%,1/8W,AA,TP,1.8X3.2MM	
....4	C822	2401-003553	C-AL;100uF,20%,200V,LZ,TP,16x25,7.5	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	RV206	2004-001912	R-METAL;15Kohm,2%,1/8W,AA,TP,1.8x3.5mm	
..3	M0018	AA97-15794A	ASSY MICOM;;KS7A,GOLD RUSH,VCT4942_F1,T-	

ASSY BOX

1	M0003	AA92-11005W ASSY BOX;KS7A;25M21,XAX	S.N.A
..2	PCK	AA69-02946B BOX-00,SET;25M21(SAMEX),D-3,AB,YEL,A1,LA	S.N.A

ASSY P/MATERIAL

1	M0113	AA92-11006A ASSY P/MATERIAL;25M21,SAMEX	S.N.A
.2	T0214	AA60-40006A PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A
.2	T0524	AA69-01209A BAG PE;SHEET,25-27,W54,L60,FOAM,OEM.	S.N.A

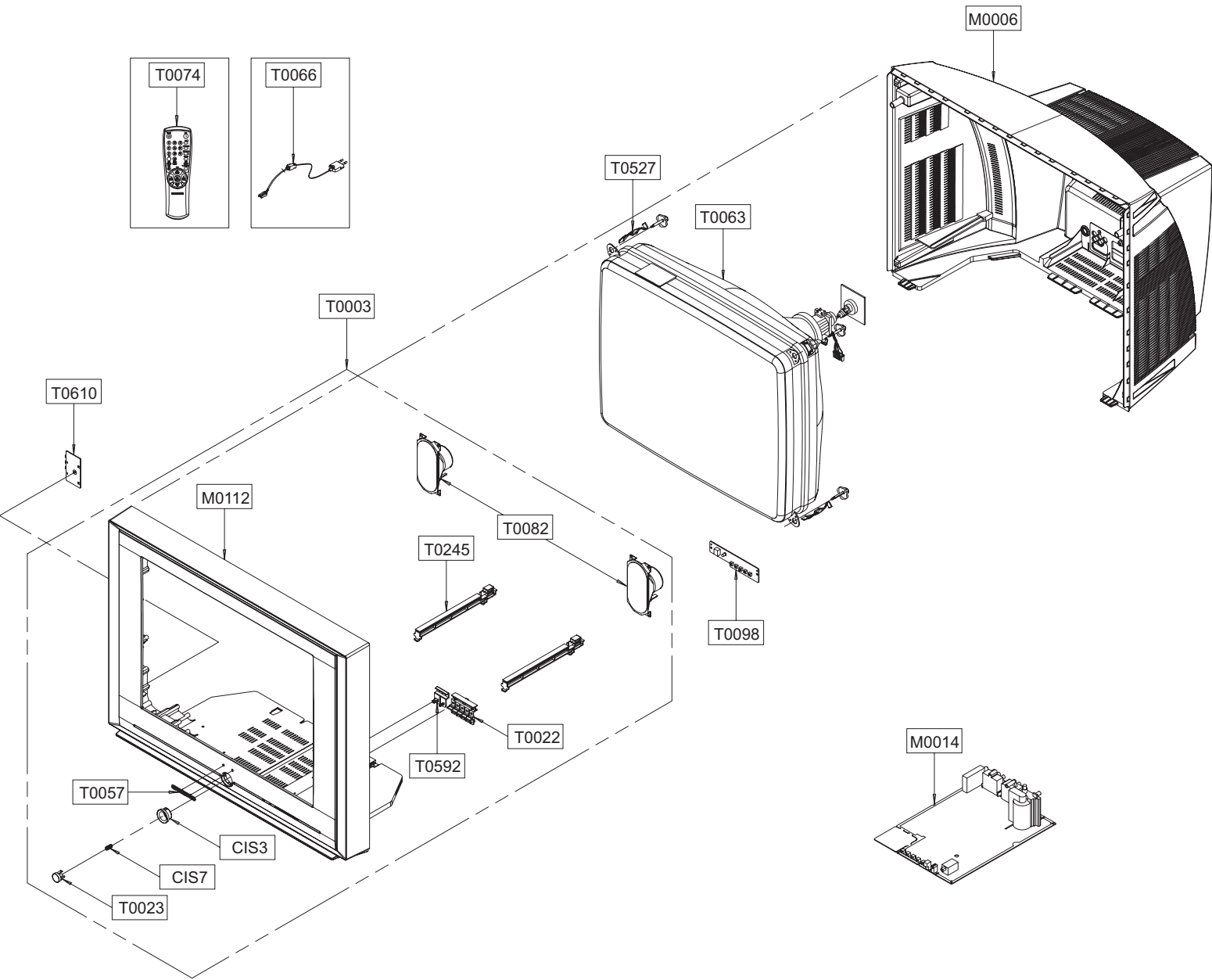
ASSY ACCESSORY

1	M0045	AA92-11016B	ASSY ACCESSORY;29M16,XAX,KS7B,GREEN	S.N.A
..2	M0045	AA96-03035A	ASSY ACCESSORY;KS7B,29,XAX	S.N.A
..3	T0116	AA39-40001B	CABLE RCA,,3P,1500MM,RED/WHT/YEL,RCA,RCA	
..3	T0074	AA59-00316D	REMOCON;TM75,ET,30,G6148A,NT,EX	
..3	T/REG	AA68-02967A	MARK RECYCLE-CARD REGISTRATION,,8.5X11,	S.N.A
..3	M/SAFETY	AA68-03242B	MANUAL-SAFETY GUIDE;TH-ENG,SAFETY GUIDE	S.N.A
..3	M0596	AA68-03586A	MANUAL USERS-00;CL29M16MQ,SPA,S.AMERICAN	S.N.A
..3	T0524	AA69-01195A	BAG PE;CL29A6W8X,HDPETO.012,93/4X1512	S.N.A
..2	W/CARD	BN68-00797A	MANUAL-01,WARRANT CARD;SAMEX BASIC ALL,M	S.N.A

4. Exploded View & Part List

4-1 CL25M2MQUX/XAX

Yon can search for the updated part code through ITSELF web site.
URL:<http://itself.sec.samsung.co.kr>



Loc.No.	Code No.	Description;Specification	Q'ty	S.N.A
CIS3	AA64-04048A	DECORATION-POWER;29M21,ABS,HB,G3676,AL	1	S.N.A
CIS7	AA61-60003J	SPRING ETC-CS;-;SUS304,-,-,OD6,N7,OD6,-,	1	S.N.A
M0006	AA63-01063B	COVER-REAR;25M21,SAMEX,HIPS,HB,GR503	1	
M0014	AA94-15398A	ASSY PCB MAIN;KS7A,25M2,S/V,XAX,GOLD RUS	1	
M0112	AA63-01061D	COVER-FRONT;25M21,HIPS,2.0,HB,G4609,SV01	1	S.N.A
T0003	AA96-03018H	ASSY COVER P-FRONT;25M21,HIPS,HB,G4309,S	1	
T0022	AA64-04050E	KNOB CONTROL;29M21,ABS,HB,G3676,SVM3012	1	S.N.A
T0023	AA64-04049A	KNOB POWER;29M21,ABS,HB,G3676,SVM3012	1	S.N.A
T0057	AA64-70123A	BADGE-BRAND;NEW,AL,L50,FLAT,SILVER,SAMSU	1	
T0063	AA03-00322A	CRT COLOR;A59QDF891X999,380MG,1.05MH,14.	1	
T0066	AA96-20112A	ASSY POWER CORD;-;EP2/NO,H/C300,KJ10,THA	1	
T0074	AA59-00316D	REMOCON;TM75,ET,30,G6148A,NT,EX	1	
T0082	3001-001592	SPEAKER;15W,8ohm,92dB/1W,0.5m,140Hz	2	
T0098	AA96-02524A	ASSY PCB P;TACT S/W,M21,KS7A,GOLD RUSH	1	S.N.A
T0245	AA61-00711B	HOLDER-PCB;29U1,U2,HIPS FV2,BK502(HB-PRO	2	S.N.A
T0527	AA65-30113A	CLAMPER CORE-D,COIL;-;NYLON 66,V2,-,BLK,	4	S.N.A
T0592	AA64-04051A	WINDOW-CONTROL;29M21,PC,CLEAR	1	S.N.A
T0610	AA96-03139A	ASSY PCB P-A/V SIDE;25M21,KS7A,GOLD RUSH	1	S.N.A

1. Specifications

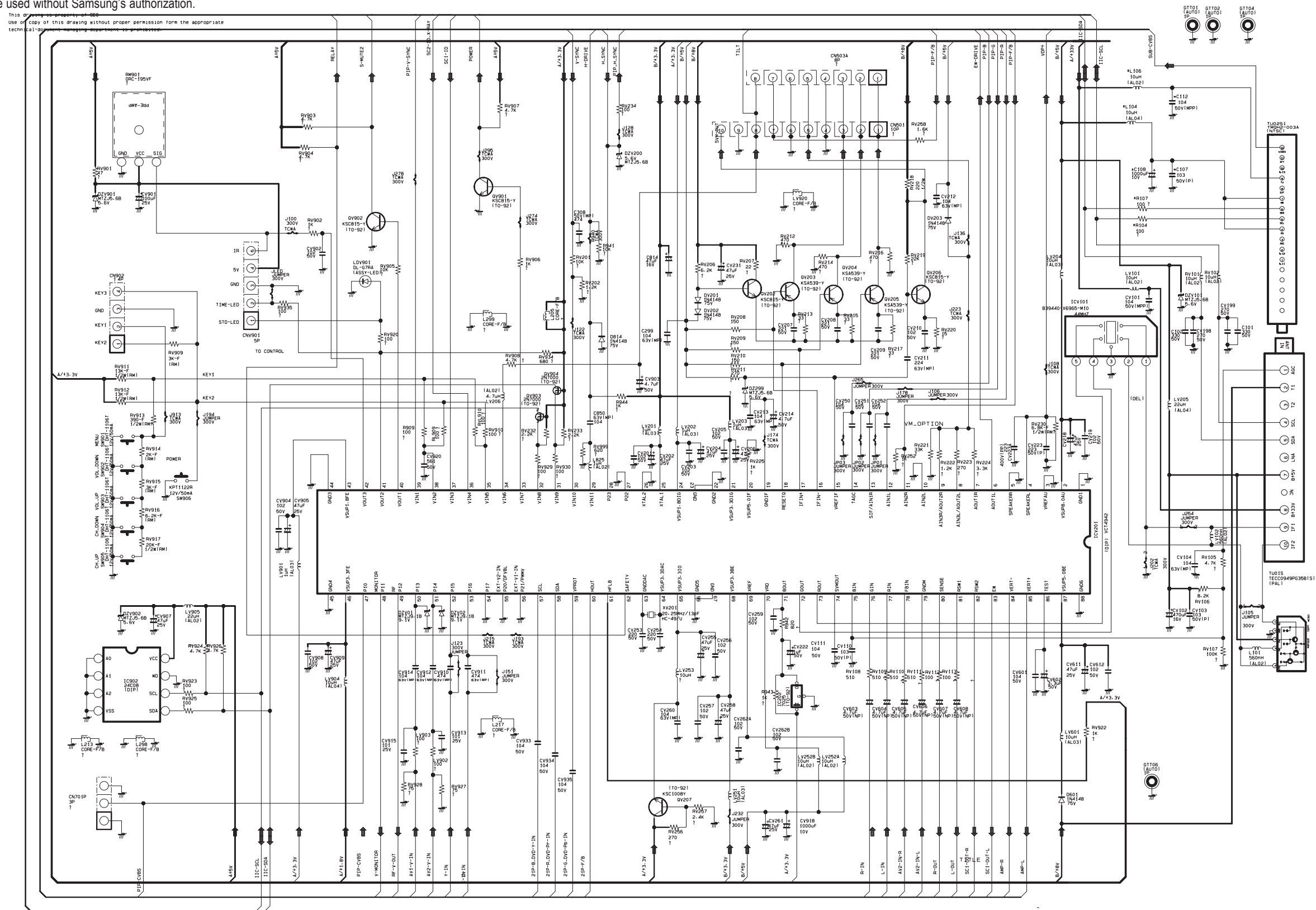
Regions	North America	MEXICO	South Central America
Broadcasting System	NTSC		
Tuning System	Electronic Remote Control System		
Receiving Channels	VHF (CH 2 ~ 13)		
	UHF (CH 14 ~ 69)		
	CATV (CH 1, 14 ~ 125)		
Antenna Input Resistance	VHF, UHF 75 unbalanced		
Intermediate Frequency	VIDEO : 45.75 MHz		
	SOUND : 41.25 MHz		
	Chrominance Subcarrier: 42.17 MHz		
Power Supply	AC 120V, 60Hz	AC 120V, 60Hz	AC 100~240V, 60Hz

MEMO

6. Schematic Diagrams

6-1 MAIN 1

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C R T

PIP-00PT
AAG5-00949A
ASSY-PIP

B+BV

B+5V

GND1

SCL

SDA

GND2

H-SYNC

V-SYNC

PIP-F/B

PIP-B

PIP-G

PIP-R

OSD-R

OSD-G

OSD-B

OSD-F/B

CVBC2

GND3

PIP-CVBS

C-IN

B+5V

IIC-SCL

IIC-SDA

PIP-H-SYNC

PIP-V-SYNC

PIP-F/B

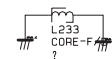
PIP-B

PIP-G

PIP-R

SUB+CVBS

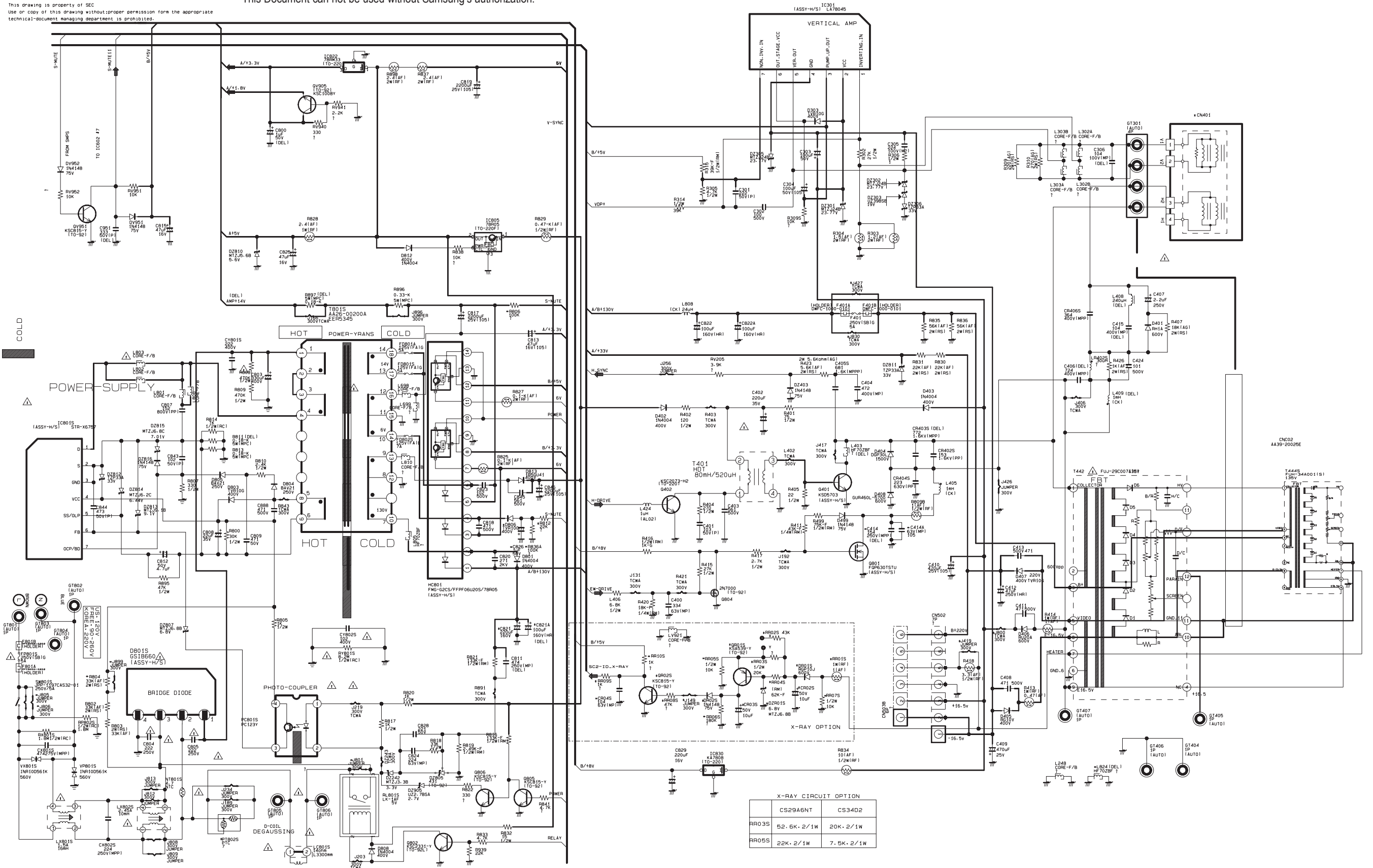
PIP-CVBS



6-3 MAIN 3

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